ABSTRACT OF THE DISCLOSURE

[0054] A method and system for ensuring security-compliant creation and certificate generation for endorsement keys of manufactured TPMs. The endorsement keys are generated by the TPM manufacturer and stored within the TPM. The TPM manufacturer also creates a signing key pair and associated signing key certificate. The signing key pair is also stored within the TPM, while the certificate is provided to the OEM's credential server. During the endorsement key (EK) credential process, the TPM generates a signed endorsement key, which comprises the public endorsement key signed with the public signing key. The credential server matches the public signing key of the endorsement key with a public signing key within the received certificate. The EK certificate is generated and inserted into the TPM only when a match is confirmed.